

ABSTRACT

A method and apparatus for generating source code to return the memory address of a descriptor are described. In an embodiment, the method includes generating a function having an argument. The function is expressed in a high-level programming language. The function includes a set of one or more instructions that instruct a compiler unit to return a memory address of the argument as a result of the function. The method also includes generating a call to the function. The call is expressed in the high-level programming language. The call causes the compiler unit to pass a descriptor as the argument.